

# W. C. Toles Company

515 W. Jackson St., Woodstock, Ill.

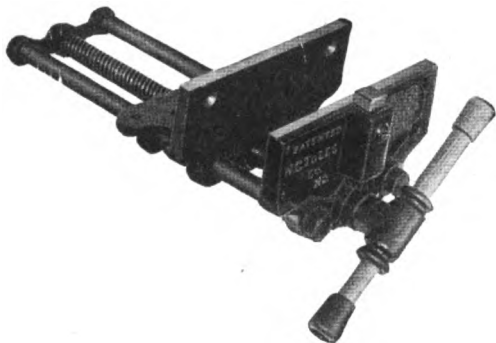
Manufacturers of

## Rapid-Acting and Continuous Screw Vises and New Design of Manual Training Benches

The W. C. Toles Company has been engaged in the manufacture of the only genuine Toles Line of Rapid Acting Vises for the past thirty years. This pattern is now the accepted standard for use in schools and is often imitated. The Toles line is now augmented by a complete Junior Line consisting of 7-in. vises. The Junior Line is so constructed that the Rapid Acting vises may be quickly and easily changed to Continuous Screw Action and vice versa. The simplicity of this unique convertible feature enables a novice to make the change in a few minutes when supplied with the necessary parts.

### Features of Toles Vises

All castings are made from our own formula metal and are tested for strength, durability and sturdiness. Faces and edges of jaws are ground smooth. The screws used in both rapid acting and continuous screw vises are 1 1/4-in. diameter and the double Acme thread is engaged in a bronze nut. Rigidity and durability is assured by over size guide rods of 3/4-in. round steel. Wood handles are of straight grained hickory and are weighted at one end. Where dogs are specified, they are of brass 1 in. square. A coil spring forces them upward and they may be fastened at any height by means of set screws.



Toles Rapid Acting Vise No. 45

### Rapid Acting Vises (Iron Faced)

	Length Jaw	Depth Jaw	Standard Opening	Features	Wts.
No. 20	10 in.	4 in.	12 in.	No Jaw Dog or Bench Stop..	36 lbs.
No. 25	10 in.	4 in.	12 in.	Bench Stop Only.....	38 lbs.
No. 40	10 in.	4 in.	12 in.	Bench Stop and Jaw Dog.....	39 lbs.
No. 45	10 in.	4 in.	12 in.	Front Jaw Dog Only.....	37 lbs.

### Rapid Acting Vises (Wood Faced)

	Length Jaw	Depth Jaw	Standard Opening	Features	Wts.
No. 50	10 in.	4 1/2 in.	12 in.	No Outer Jaw Dog or Bench Stop.....	39 lbs.
No. 55	10 in.	4 1/2 in.	12 in.	Bench Stop only.....	39 lbs.
No. 60	10 in.	4 1/2 in.	12 in.	Outer Jaw Dog only.....	39 lbs.
No. 65	10 in.	4 1/2 in.	12 in.	Bench Stop and Front Jaw Dog	41 lbs.

### No. 35 Rapid Acting Tail Vise

This is a design of rapid acting tail vise. The length of Jaws is 6 in., the depth 3 1/2 in., and it has a brass dog 1 in. square incorporated in the front jaw. This vise can be supplied in various size openings, 6, 8, 10, and 12 in. The 6-in. opening is our standard, and will be shipped unless others are specified. The jaws are ground but not maple faced.

Wt.  
30 lbs.

### Toles' Junior Vises

No. 5-FD and No. 10-FD Juniors—either action—may be had in 8"x4" jaws, listing extra, or 7"x4" jaws, listing extra.

The Junior Line consists of eight different numbers. The identical construction features of the regular Toles Vises are incorporated in this line. The same standard of manufacture has been maintained throughout, supplying a demand for an inexpensive vise of quality that is especially adapted for use in schools, of Elementary and Junior High Grade.

### Rapid Acting Toles Junior Vises

	Length Jaw	Depth Jaw	Standard Opening	Features	Wts.
No. 5	7"	3"	9"	Front & inner jaw. No stop dogs..	23 lbs.
No. 5-F.D.	7"	3"	9"	Front & inner jaw. Dog in front jaw only.....	24 lbs.
No. 5-B.D.	7"	3"	9"	Front & inner jaw. Dog in inner jaw only.....	25 lbs.
No. 5-2-D.	7"	3"	9"	Front & inner jaw. Dog in both jaws	26 lbs.

### Continuous Screw Toles Junior Vises

	Length Jaw	Depth Jaw	Standard Opening	Features	Wts.
No. 10	7"	3"	9"	Front & inner jaw. No stop dogs..	23 lbs.
No. 10-F.D.	7"	3"	9"	Front & inner jaw. Dog in front jaw only.....	24 lbs.
No. 10-B.D.	7"	3"	9"	Front & inner jaw. Dog in inner jaw only.....	25 lbs.
No. 10-2-D.	7"	3"	9"	Front & inner jaw. Dog in both Jaws	26 lbs.

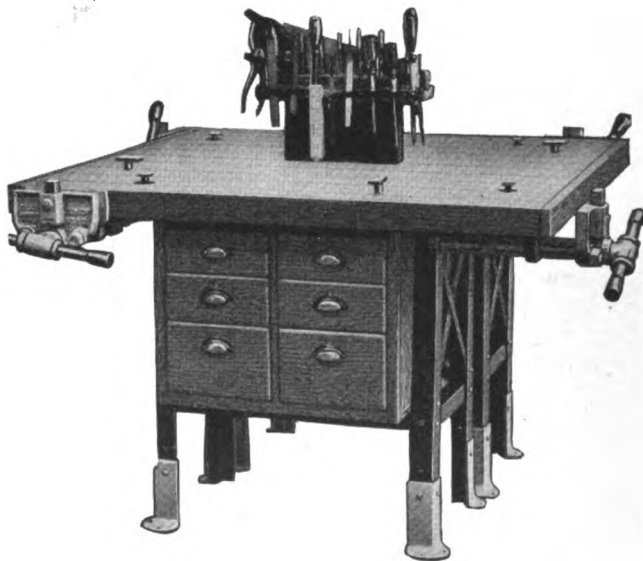
All are convertible to Rapid Acting Vises. Have solid nut of navy bronze, machined, floating with screw.

### Toles "Spasaver" Manual Training Benches

These new design benches afford features of adjustability, flexibility and economy of space not found in other benches.

**Adjustment of Height**—This new and valuable feature provides a simple means of adjusting the height of the work table to suit the worker. Anyone of three heights may be had by changing the foot adjustment bolts to various holes provided in the legs. Two ranges are available, viz.—Selective at 34 in.,—32 in. or 30 in.; at 32 in.—30 in. or 28 in.

**Economy of Space**—One bench normally accommodates one boy. Two benches placed back to back and bolted together provide ample, unrestricted working area for four boys.



Two Toles SPASAVER Benches Bolted Together

The twin arrangement of Toles SPASAVER Benches is provided for in their design, and bolts for drawing together and securely fastening two benches are part of the standard equipment.

**General**—Material and workmanship are of the highest order and the benches are rigid, sturdy and attractive. Regular equipment for each single bench includes two Toles Junior Vises No. 5 F.D., but any other Toles vises are optional, with price regulated to equalize. Two Toles adjustable bench stops and two Toles movable bench dogs are standard. Benches may have drawers or be of the open frame style. A good selection of table top sizes is available.

We invite your further correspondence.

W. C. Toles Company, 515 W. Jackson St., Woodstock, Ill.